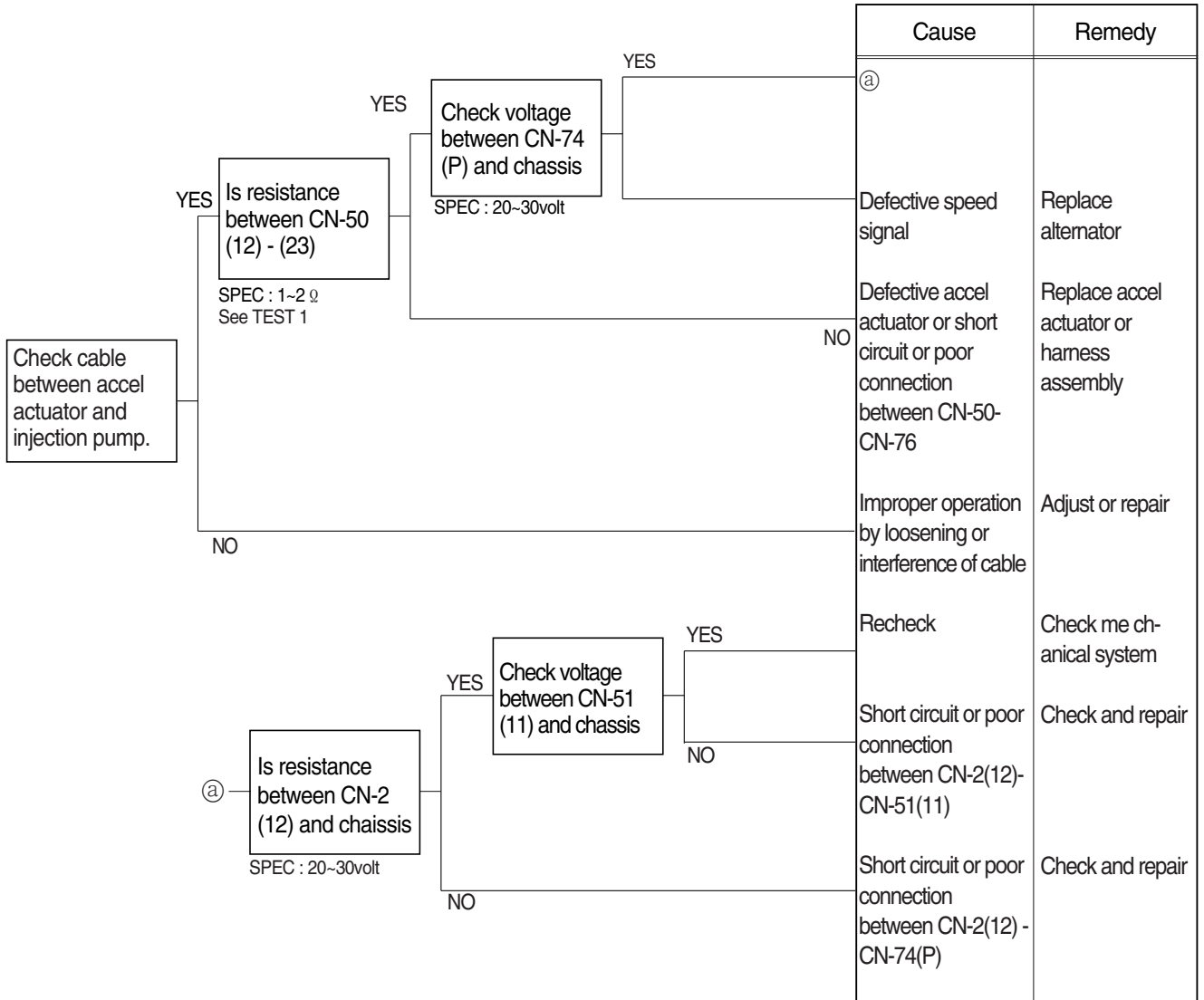


GROUP 4 MECHATRONICS SYSTEM

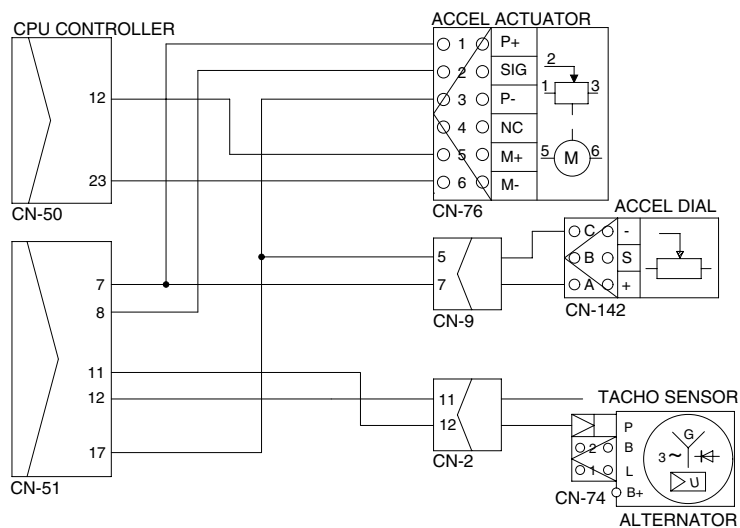
1. SLOW ACTION OF ENGINE SPEED CHANGE WHEN CHANGE THE MODE

※ Before carrying out below procedure, check all the related connectors are properly inserted.

1) INSPECTION PROCEDURE



Wiring diagram

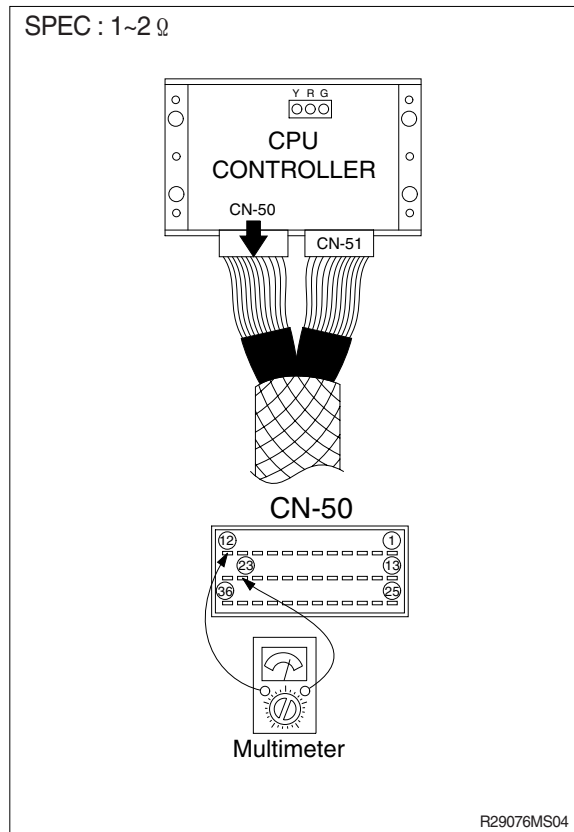


7076TS33

2) TEST PROCEDURE

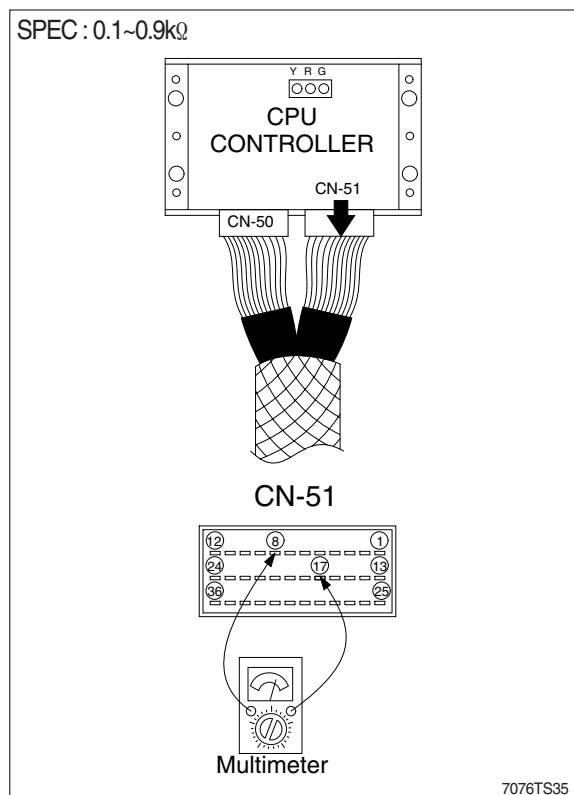
(1) Test 1 : Check resistance.

- ① Starting key OFF.
- ② Disconnect connector CN-50 from CPU controller.
- ③ Check resistance between CN-50(12)-(23) as figure.



(2) Test 2 : Check voltage and resistance.

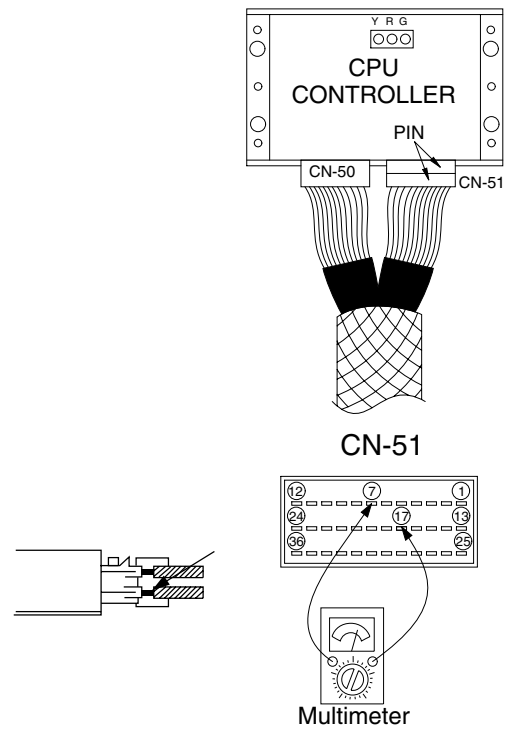
- ① Check resistance between CN-51(8)-(17).
- Starting key OFF.
- Disconnect connector CN-51 from CPU controller.
- Check resistance value with multimeter as figure.



② Check voltage between CN-51(7) and CN-51(17).

- Prepare 2 pieces of thin sharp pin, steel or copper.
- Starting key ON.
- Insert prepared pins to rear side of connectors : One pin to CN-51(17)
Other pin to CN-51(7)
- Check voltage.

SPEC : $5 \pm 1V$

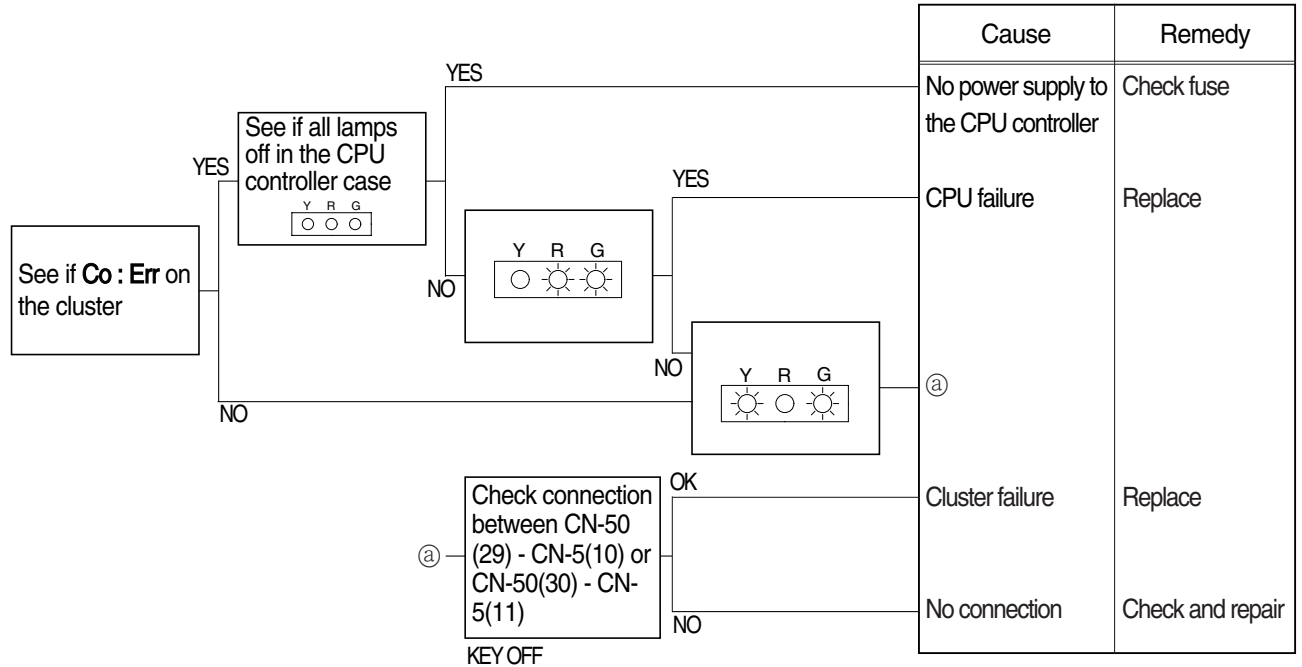


7076TS36

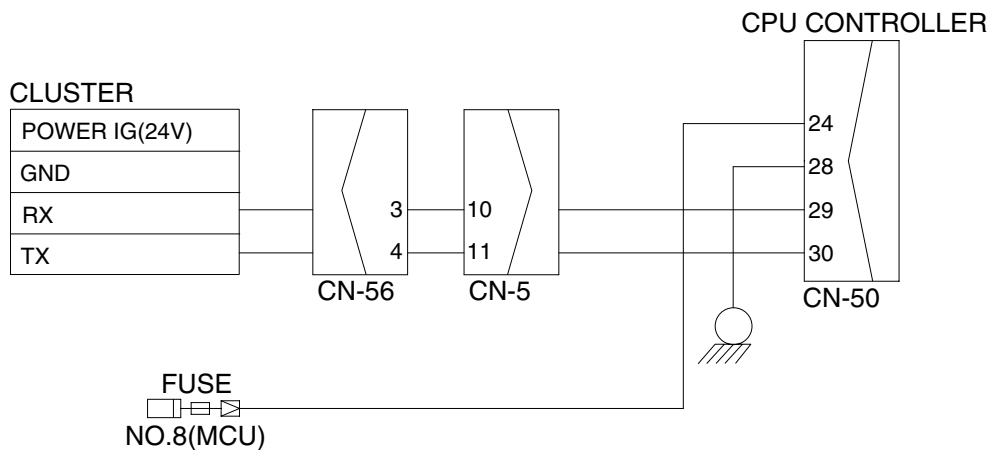
2. MALFUNCTION OF CLUSTER OR MODE SELECTION SYSTEM

※ Before carrying out below procedure, check all the related connectors are properly inserted.

1) INSPECTION PROCEDURE



Wiring diagram

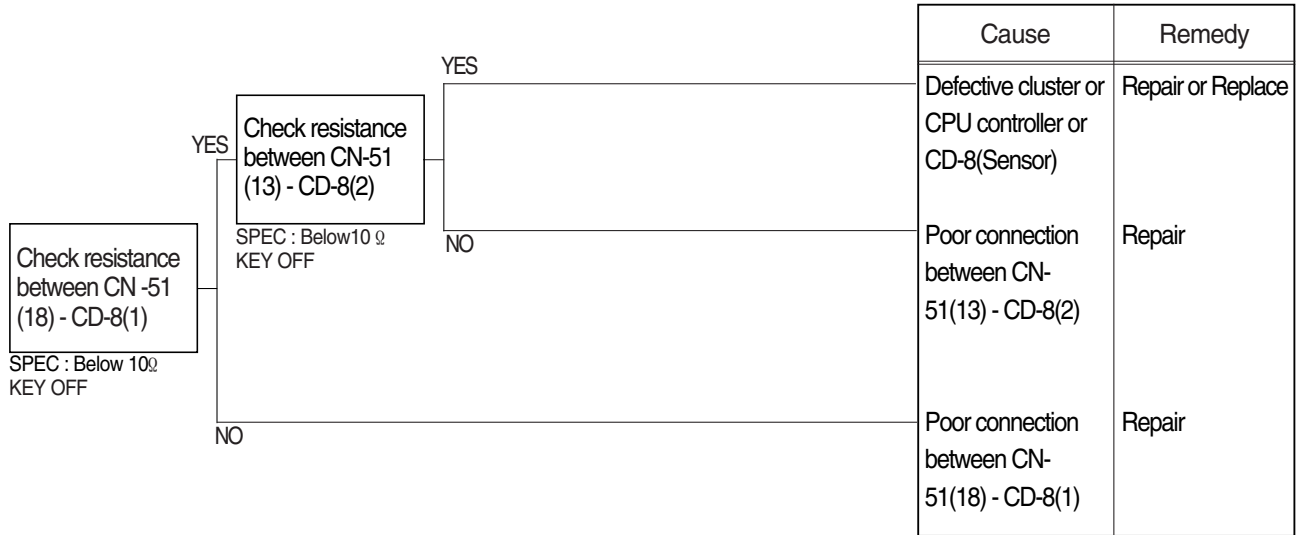


7076TS34

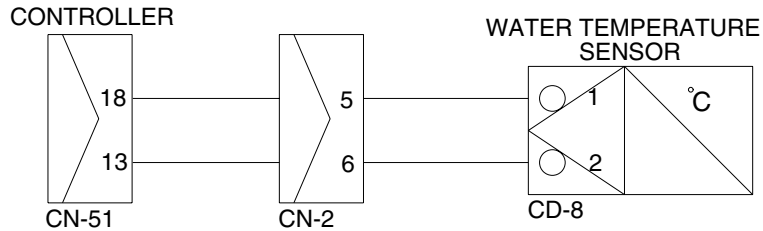
3. MALFUNCTION OF WARMING UP

※ Before carrying out below procedure, check all the related connectors are properly inserted.

1) INSPECTION PROCEDURE



Wiring diagram



7076TS22